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Golden Ratio

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The golden ratio is used literally everywhere including arts, architecture, and now even technology. However, the fascinating fact is that when objects are created with the golden ratio, it was never intended to. The golden ratio had its part in the world way before it was created. The golden ratio approximately equals 1. 6180339887.

The golden ratio as mentioned before is critical and pleasing to the eye in many aspects. It also has many names other than the golden ratio, some example are golden mean, phi, extreme and mean ratio, medial section, and golden number. It is portrayed in many architectural wonders such as the Great Pyramids of Giza, The Pantheon and it was mentioned in the book “da Vinci Code”. The Golden Ratio shows up in Geometry the most in shapes of pentagons or pentagrams which are figures with exactly five sides. Many scientists credit Pythagoras and his followers because the pentagram was the symbol of Pythagoras.

Aesthetics and the golden ratio are also coincide with each other. The golden ratio is aesthetically pleasing to the human eye therefore, unconsciously people have built buildings with the golden ratio before. Many paintings and artwork are also found with many golden ratios such as the Mona Lisa by Leonardo da Vinci and the Sacrament of the Last Supper by Salvador Dali. Also nature is surrounded by these golden ratios because plants’ veins and leaves are also made of the golden ratio. In addition it the famous snail shell also referred to as the Fibonacci spiral also represents the golden ratio in various places.

Overall the golden ratio is a phenomenon that people did not create but affect the world in so many ways that we cannot imagine. The golden ratio, 1.6180339887, is a mysterious but useful number in our lives.